

1   **WHAT IS CLAIMED IS:**

2           1. Double-faced detecting devices for an electronic substrate with two faces, the  
3   detecting devices comprising:

4           a base having an erecting post with a front face, an guiding groove  
5   longitudinally defined in the front face of the erecting post, a substrate platform movably  
6   and rotatably attached to the erecting post via the guiding groove, and a through hole  
7   defined in the substrate platform, wherein the substrate platform is adapted to settle the  
8   electronic substrate on the substrate platform and is controlled by a controlling device to  
9   locate at a horizontal position or a vertical position;

10          two pivot bases oppositely placed beside the substrate platform, wherein each  
11   pivot base has a levering plate; and

12          two probe-detecting machines respectively and pivotally mounted on the  
13   levering plates of the two pivot bases, wherein each probe-detecting machine has a probe  
14   extending toward to the substrate platform and adapted to touch the electronic substrate.

15          2. The double-faced detecting devices as claimed in claim 1, wherein the  
16   substrate platform rotates within 0 to 90 degrees.

17          3. The double-faced detecting devices as claimed in claim 1, wherein the  
18   electronic substrate is a flip chip.

19          4. The double-faced detecting devices as claimed in claim 1, wherein the  
20   electronic substrate is a printed circuit board.